Installing and Using the Epson Easy Interactive Tools with a BrightLink Projector

These instructions are for both Mac & Windows clients

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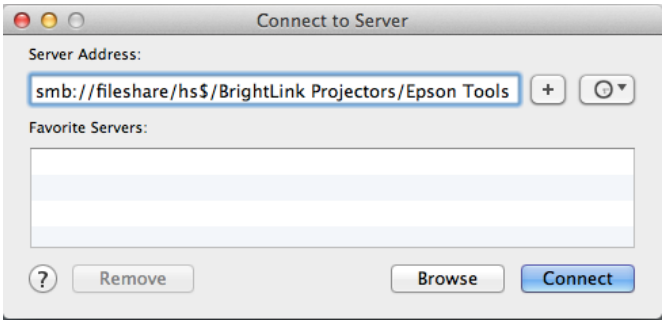
Installing Epson Tools on a Mac Computer

There are 3 steps: installing the software, installing the driver and calibration.

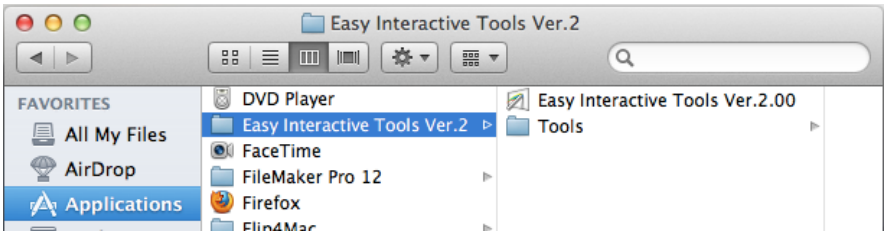
Install Epson Tools:

- Open the **Finder**
- Select **Go** and then **Connect to Server** from the toolbar
- Copy and paste the following path into **Server Address** window and click **Connect**:

  smb://fileshare/hs$/BrightLink Projectors/Epson Tools



- Select the **Mac** folder and select **Edit** and then **Copy "Mac"** from the toolbar
- Click any blank area on your desktop and select **Edit** and then **Paste Item** from the toolbar
- Open the folder once it has finished copying and double-click the **epson tools.dmg** file
- Double-click the Epson icon to begin installation
- Click **Continue**
- Click **Continue** again
- Click **Continue** again
- **Accept the license agreement** and click **Continue**
- Click the **Install** button
- Enter your credentials if prompted and select **Install Software**
- Click the **Close** button
- When the installation has finished you will see it listed in your Applications under **Easy Interactive Tools Ver. 2**

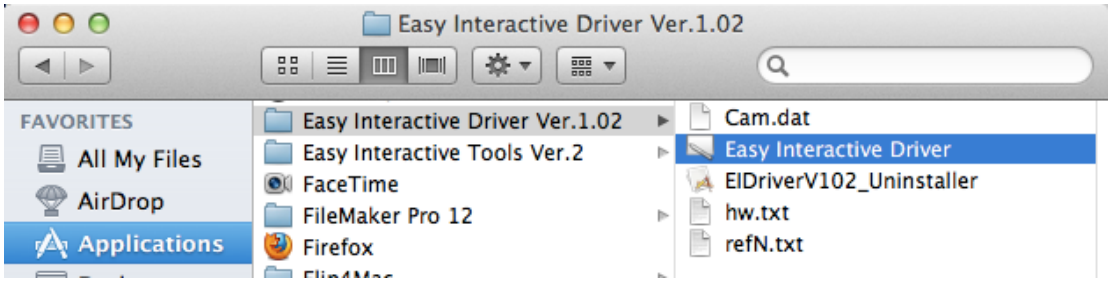


- Eject the installer by clicking on the **Epson Easy Interactive tools icon** on your desktop and selecting **Fil**e and then **Eject Epson Easy Interactive Tools** from the toolbar

Install the Epson Tools Drivers:

The driver is located in the same folder as the Epson Tools software

- Double-click the **epson tools driver 1.1.dmg** file and the installation will begin
- Double-click the **EIDriverV102_Setup** icon
- Click **Continue**
- Click **Continue** again
- Click **Continue** again
- Click **Agree** to Accept the license agreement and click **Continue**
- Click the **Install** button
- Enter your credentials if prompted and select **Install Software**
- Click the **Close** button
- When the installation has finished you will see it listed in your Applications under **Easy Interactive Driver Ver.1.02**



- Double-click the **Epson tools driver 2.0** file
- Follow the same instructions as above
- You will be prompted to **restart** when the installation has finished
- When the installation has finished you will see it listed in your Applications under **Easy Interactive Driver Ver.2**
- You can now delete the Mac folder you downloaded to your desktop

Installing Epson Tools on a Windows Computer

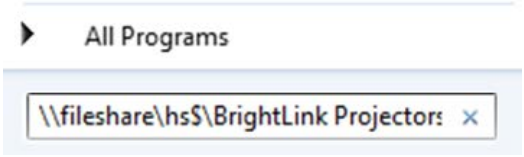
There are 3 steps: installing the software, installing the driver and calibration.

Install Epson Tools:

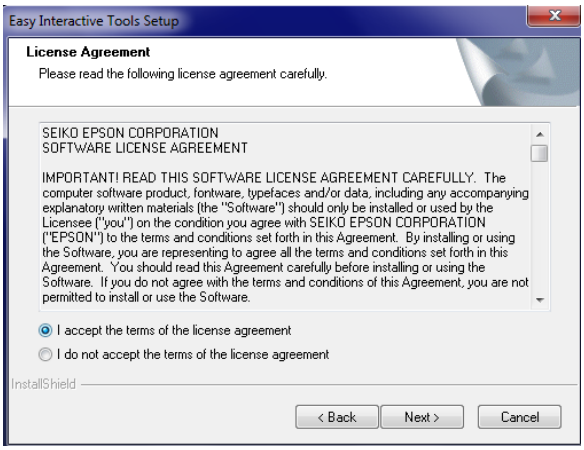
- Click the **Start button**

- Copy and paste the following path into the search window and click enter:

\\fileshare\hs$\BrightLink Projectors\Epson Tools



- Right-click the **Windows** folder and select **copy**
- Right-click any blank area on your desktop and select **paste**
- Open the folder once it has finished copying and double-click the **EIN_TTWInst.exe** file and the installation will begin
- Select **English** as the language and click next
- Click next and then select the option to **accept the license agreement** and click next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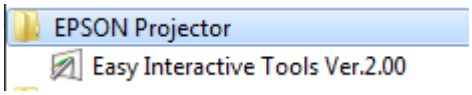
I accept the terms of the license agreement
I do not accept the terms of the license agreement
InstallShield
< Back
Next >
Cancel

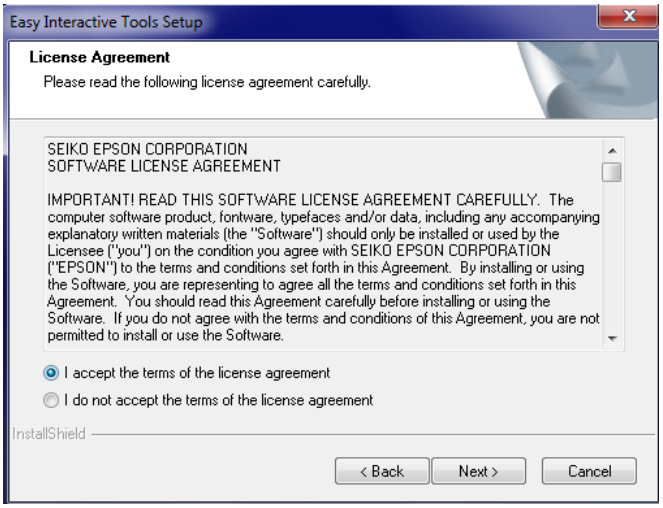
- Click the **Install** button
- Click the **Finish** button
- When the installation has finished you will see it listed in your program files under **EPSON**



Install the Epson Tools driver

***The driver is located in the same folder as the Epson Tools** software*

- Double-click the **epson14218.exe** file and the installation will begin
- Select **English** as the language and click next
- Click next and then select the option to **accept the license agreement** and click next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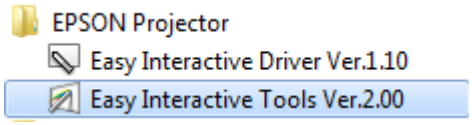
I accept the terms of the license agreement
I do not accept the terms of the license agreement
InstallShield
< Back
Next >
Cancel

- Click the **Install** button
- Click the **Finish** button



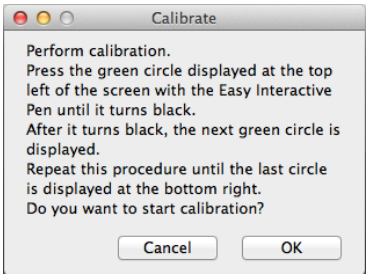
- When the installation has finished you will see it listed in your program files under **EPSON Projector**

Calibrating a BrightLink 455 Projector to work with Epson Tools (Mac):

The BrightLink 475 Projector does not need to be calibrated

- Connect your laptop to a **BrightLink 455** projector using the **VGA connector** as well as the **USB connector**
- Start the **Epson Easy Interactive Tools** application
- Start the **Epson Interactive Driver** application*
- Select **Calibration** and then **Calibrate (Normal)** from the toolbar

- Click **OK** to start calibration


Calibrate
Perform calibration.
Press the green circle displayed at the top left of the screen with the Easy Interactive Pen until it turns black.
After it turns black, the next green circle is displayed.
Repeat this procedure until the last circle is displayed at the bottom right.
Do you want to start calibration?
Cancel
OK

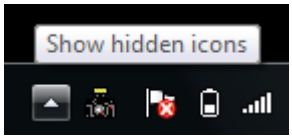
- Wait a few seconds for the first green flashing circle to appear
- Touch the Epson pen into the center of the circle until it stops flashing
- Repeat for all circles as they are added to the screen
- When you're done you can start using the tools

In order to use the Interactive Tools you will need to start the driver each time you use a BrightLink 455 Projector as well as having the USB cable connected. You do not need to calibrate each time however. Calibration only needs to be done the first time you connect to the projector.

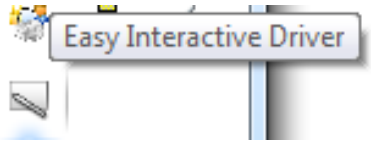
Calibrating a BrightLink 455 Projector to work with Epson Tools (Windows)

The BrightLink 475 Projector does not need to be calibrated

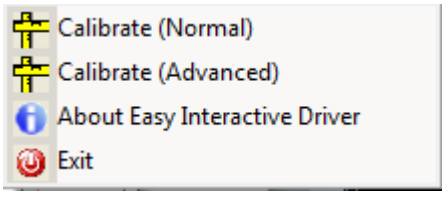
- Connect your laptop to a **BrightLink 455** projector using the **VGA connector** as well as the **USB connector**
- Start the **Epson Easy Interactive Tools** application
- Start the **Epson Interactive Driver** application*
- Click the up arrow in the lower right hand side of your desktop (down by the clock) to **show your hidden icons**



- Right-click the icon for the **Easy Interactive Driver** (it looks like a sheet of paper with a pen)



- Select the option to **Calibrate Normal**



- Click **OK** to start calibration
- Wait a few seconds for the first green flashing circle to appear
- Touch the Epson pen into the center of the circle until it stops flashing
- Repeat for all circles as they are added to the screen
- When you're done you can start using the tools

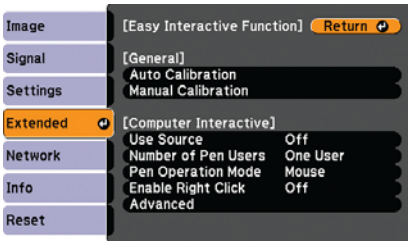
In order to use the Interactive Tools you will need to start the driver each time you use a BrightLink 455 Projector as well as having the USB cable connected. You do not need to calibrate each time however. Calibration only needs to be done the first time you connect to the projector.

Calibrating a BrightLink 475 Projector to work with Epson Tools:

You shouldn't have to calibrate the BrightLink 475 projector as it calibrates automatically, but if you find that it's not calibrated correctly to work with your laptop, perform the following steps:

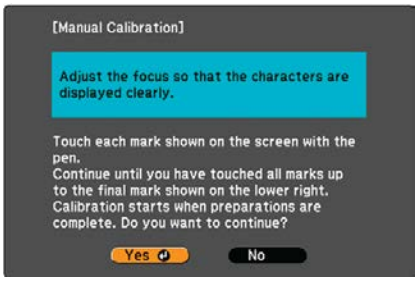
- Connect your laptop to a BrightLink 475 projector using the **VGA connector** as well as the **USB connector**
- Press the **Menu button** on the remote control
- Select the **Extended menu**, and press Enter.
- Select the **Easy Interactive Function** setting and press Enter

  You see this screen:



- Select **Manual Calibration** and press Enter

  You see this screen:


[Manual Calibration]
Adjust the focus so that the characters are displayed clearly.
Touch each mark shown on the screen with the pen.
Continue until you have touched all marks up to the final mark shown on the lower right.
Calibration starts when preparations are complete. Do you want to continue?
Yes
No

- Press Enter to select Yes

- Turn the BrightLink pen on
- Touch the green circles as they appear and when you've finished all of them calibration is complete.

Correcting Pen Calibration for the BrightLink 475 WI Projector

Adapted from http://files.support.epson.com/htmldocs/bl475wi/bl475wiug/index.html

Solutions When the Interactive Pen Position Is Not Accurate

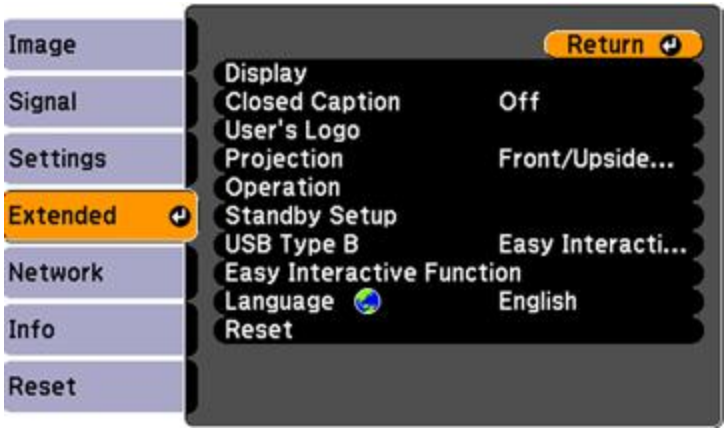
If the pen position is not the same as the cursor, try the following solutions:

- Try manual calibration of the display (see other handout)
- Adjust the pen operation area (see below)
- If you use the E-Zoom + button on the remote control to enlarge the image, the pen position is not accurate. When you return to the original size, the position should be correct.
- If you use a full-screen or presentation view in an application like PowerPoint, the pen position may lose calibration.

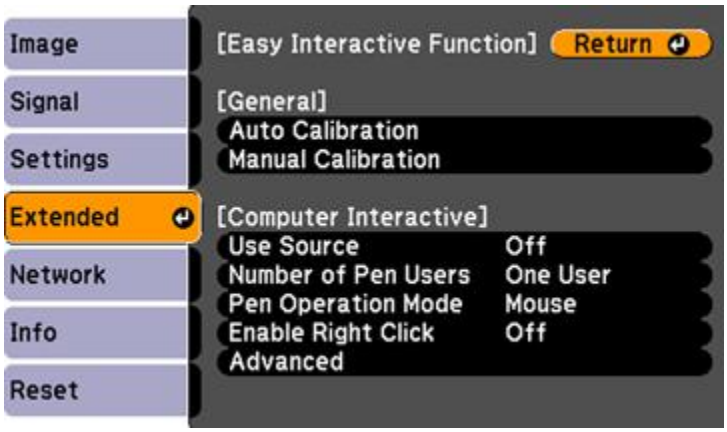
Adjusting the Pen Operation Area

The pen operation area is normally adjusted automatically if you connect a different computer or adjust the computer's resolution. If you notice that the pen position is incorrect, you can adjust the pen area manually.

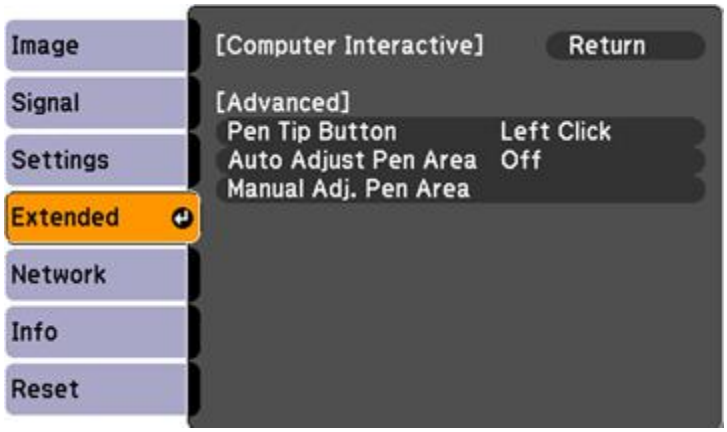
- Project your computer's desktop.
- Press the Menu button, select the Extended menu, and press Enter.



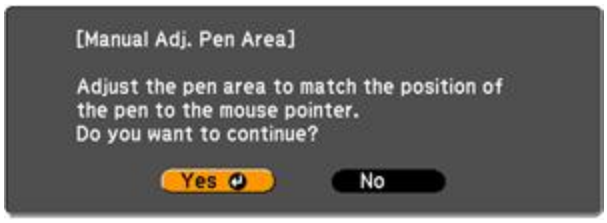
- Select the Easy Interactive Function setting and press Enter.



- Select Advanced and press Enter.

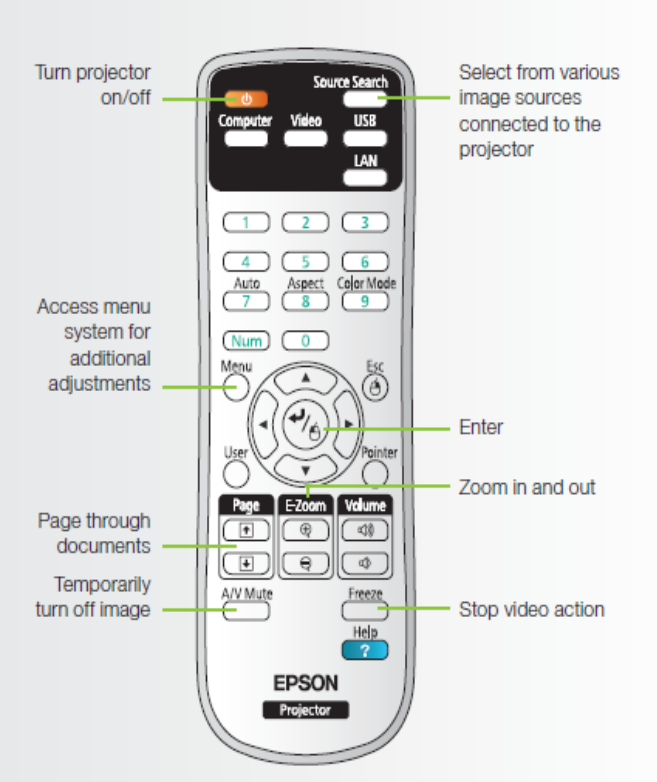


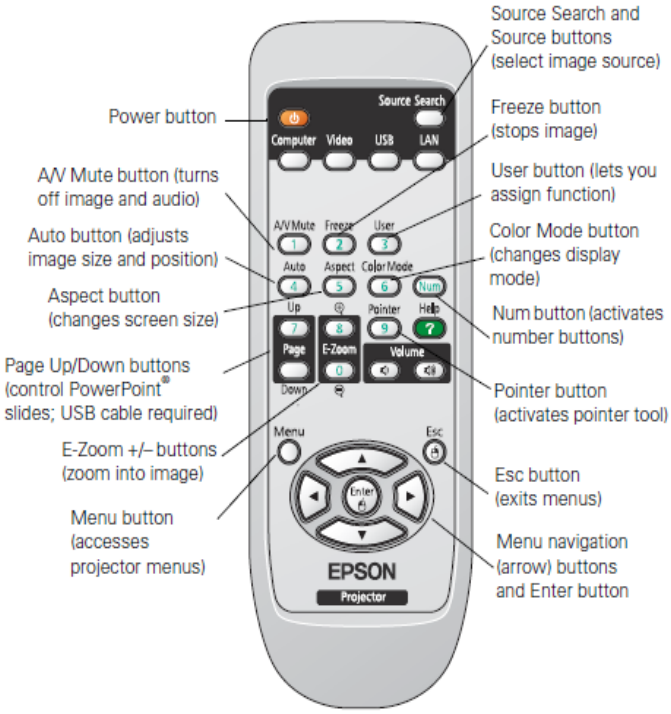
- Select Manual Adj. Pen Area and press Enter.



- Press Enter to select Yes. The mouse pointer moves toward the top left corner.
- When the mouse pointer stops at the top left corner of the image, touch the tip of the pointer with the pen. The mouse pointer moves toward the bottom right corner.
- When the mouse pointer stops at the bottom right corner of the image, touch the tip of the pointer with the pen.

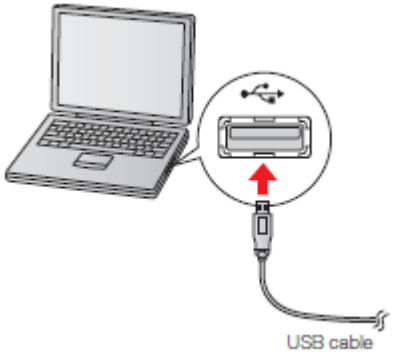
Using the Remote

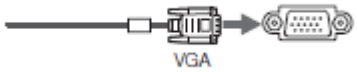



Source Search and Source buttons (select image source)
Power button
Freeze button (stops image)
A/V Mute button (turns off image and audio)
User button (lets you assign function)
Auto button (adjusts image size and position)
Color Mode button (changes display mode)
Aspect button (changes screen size)
Num button (activates number buttons)
Page Up/Down buttons (control PowerPoint® slides; USB cable required)
Pointer button (activates pointer tool)
E-Zoom +/– buttons (zoom into image)
Esc button (exits menus)
Menu button (accesses projector menus)
Menu navigation (arrow) buttons and Enter button
EPSON
Projector

Connecting Your Computer

- Attach both the **VGA** and the **USB cables** to your computer. If using a Mac you will need a dongle to attach the VGA connector.
- Power on the BrightLink Projector using the remote control.



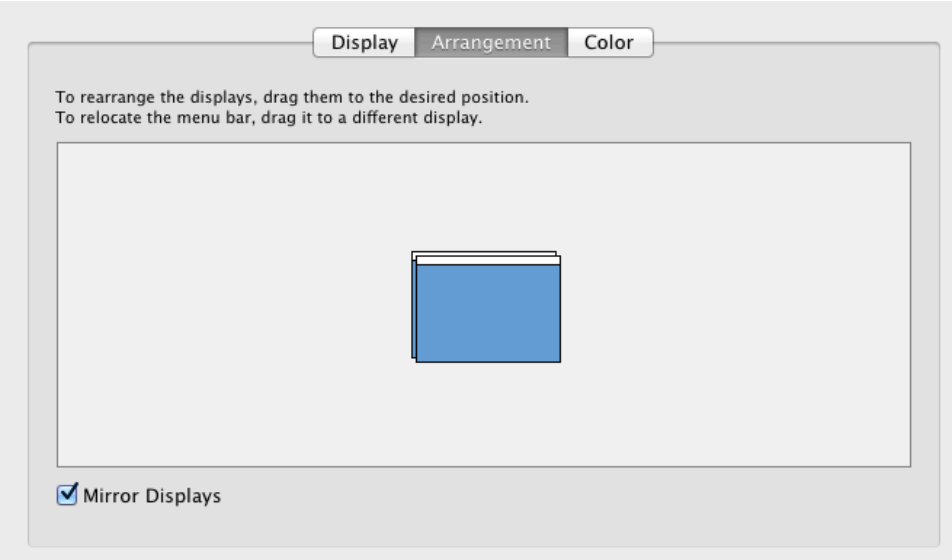


- Select the source you wish to project. These are the default sources:
  - Computer 1 = computer
  - Computer 2 = visualizer
  - Video = DVD player, default is S-Video so click again to get regular Video for DVDs

  Note: the quality of video from the laptop is much better than that through the DVD player

The source for this document will be Computer 1 (your laptop)

- Start the **Easy Interactive Tools** once your screen is projected
  - If you're using a **MacBook** and having issues projecting your computer do the following:
    - Open **System Preferences** from your Applications folder
    - Go into **Displays**
    - Click the tab for **Arrangement** and make sure that **Mirror Displays** is checked.
  - If you're using a **Mac Air** you should **reboot your computer with the VGA and USB**


Display
Arrangement
Color
To rearrange the displays, drag them to the desired position.
To relocate the menu bar, drag it to a different display.
Mirror Displays

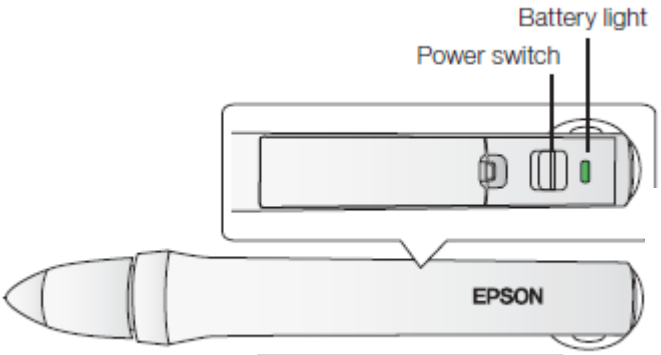
cables connected. If you're still not projecting then please follow the steps above.

- Start the **Easy Interactive Driver**
  - If you're connecting to a **BrightLink 455 projector** you will start the driver located in the **Easy Interactive Driver Ver.1.02** folder in your applications directory by double-clicking the **Easy Interactive Driver** file.
  - If you're connecting to a **BrightLink 475 projector** you will start the driver located in the **Easy Interactive Driver Ver.2** folder in your applications directory by double-clicking the **Easy Interactive Driver Ver.2.00** file.

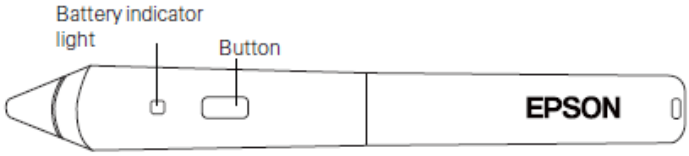
Note: *see the end of this document for a listing of projector models by room.*

Using the Pens

Your projector may have come with 2 pens (new style) that have different colored ends, orange and blue. Make sure one AA battery is installed in each pen. Please note that ***only PC laptops have the ability to use both pens at the same time****. If you are using a Mac you can use either pen, but only one at a time.*



New Style Pen 475



Old Style Pen 455

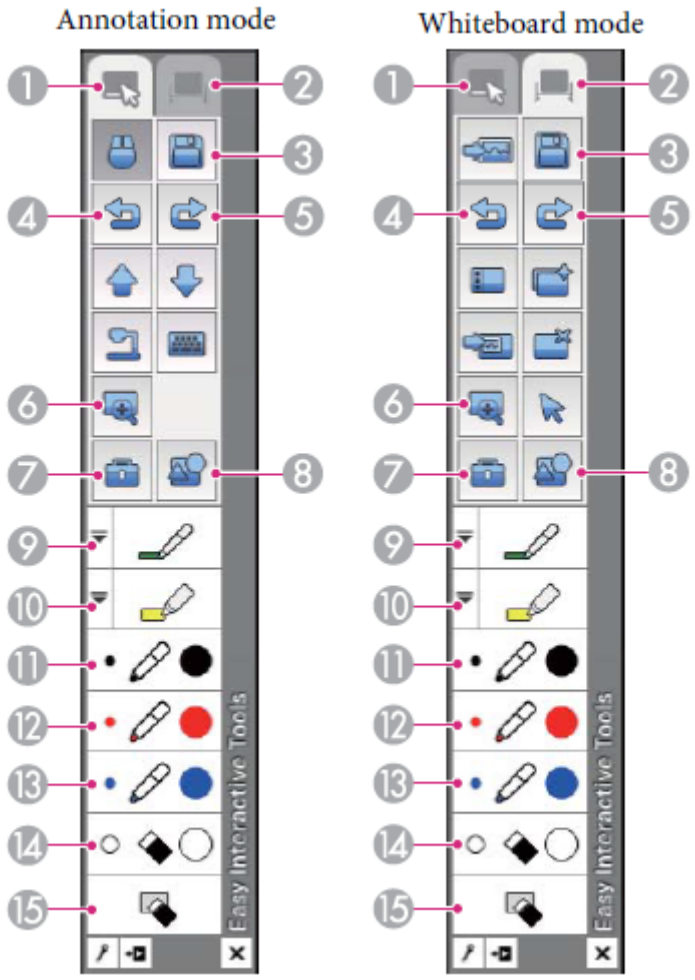
- Turn on the pen by sliding the power switch (or pushing the button on the old style pen). The green light comes on briefly. If the battery is low the light flashes.
- Hold the pen perpendicular to the board.
- To left-click tap once onto the board.
- To double-click tap twice onto the board.
- To right-click press the pen onto the board for about 3 seconds.
- To click and drag tap the pen onto the board and then drag
- To move the cursor hover over the board without touching it
- When you are finished slide the power switch to turn off the pen (new style only)

Note: *The pens turn off automatically after about 20 minutes of inactivity.*

Using the Interactive Tools

Easy Interactive Tools provides the following two modes.

- **Annotation mode:** You can draw lines and shapes on the computer screen.
- **Whiteboard mode:** You can project solid color background such as a whiteboard and write or draw text and pictures. In addition to the plain background, you can also choose other background patterns such as grid lines or a music sheet.



1. **Annotation mode tab**: Switches to annotation mode.
2. **Whiteboard mode tab**: Switches to whiteboard mode.
3. **Save**: Saves the screen displayed in the current mode in JPEG: BMP: PNG or PDF format.
4. **Undo**: Undo the previous operation
5. **Redo**: Cancels an undo operation and restores the previous status
6. **Magnifier**: Opens the magnifier screen and displays and enlarged view of the image at the center of the screen.
7. **Other tools**: Displays the following toolbar (see below)
8. **Shapes**: Select the shape you want from the shapes provided.
9. **Pen**: Switches to a pen to draw freely. Click the upside down triangle to the left to change the color and/or width of the pen line.
10. **Highlighter Pen**: Switches to a highlighter pen. Click the upside down triangle to the left to change the color and/or width of the pen line.
11. **Black Pen**: Switches to a black pen to draw freely. The larger circle draws a thick line and the small circle draws a thin line.
12. **Red Pen**: Switches to a red pen to draw freely. The larger circle draws a thick line and the small circle draws a thin line.
13. **Blue Pen**: Switches to a blue pen to draw freely. The larger circle draws a thick line and the small circle draws a thin line.
14. **Eraser**: Switches to an eraser. Click on the right of the icon to erase wider areas, and on the left to erase narrower areas.
15. **Clear Screen**: Clears everything drawn on the displayed page.

Other Tools:

Spotlight: Emphasizes part of the projected image using a spotlight effect. You can drag the spotlight frame to change the emphasized area.

Shade: Covers the projected image with a shade. You can drag the four sides to change the shaded area.

Print: Prints the screen displayed in the current mode. If you are in Whiteboard mode, select which page you want to print on the print settings screen.

Settings: Opens the settings screen.

Right Click: (Only available when using computer interactive functions in Annotation mode.) A pen click functions as a right-click only once, and then returns to a normal click.

Help: (Annotation mode only.) Displays the Help.

Annotation Mode Specific Modes:

Mouse: Switches from Annotation mode to Mouse mode and the cursor on the computer screen becomes a normal mouse cursor. You can click and drag on the projected image using the Easy Interactive Pen.

Page Up: Go to the previous page in an opened document.

Page Down: Go to the next page in an opened document.

Camera: (available in Mouse mode). Displays the image from a document camera* connected to the computer.

Keyboard: (available in Mouse mode). Displays a virtual keyboard on the screen.

Whiteboard Mode Specific Functions:

Select Background: Allows you to select a pattern from the nine background patterns provided for Whiteboard mode. You can also select to show your desktop, an image file, or an image from the document camera as the background image.

Page List: Displays a list of the pages currently being edited. When the mouse cursor leaves the page list, the list is automatically minimized to the right or left of the screen. The list is displayed again if you move the cursor to, or click on the minimized area.

New Page: Opens a new page in Whiteboard mode.

Insert Image: Select the source image you want to insert into the current page. The following two options are available: from file or from camera.

Delete Page: Deletes the current page.

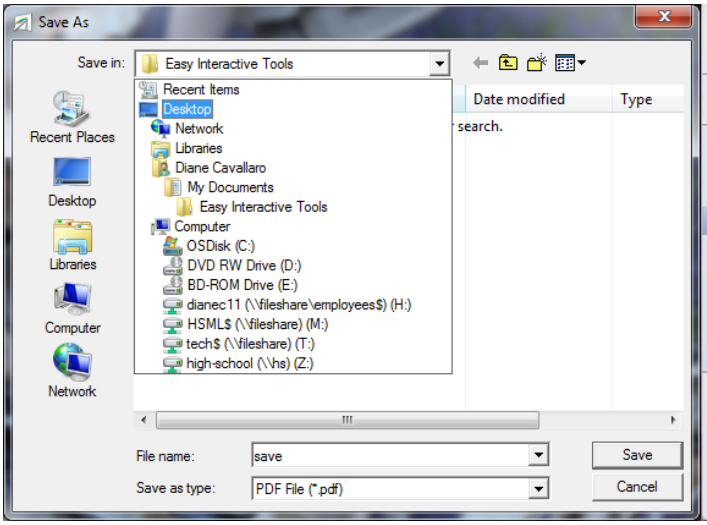
Select: Changes to a cursor so that you can move or adjust the size of the image you inserted using Insert image.

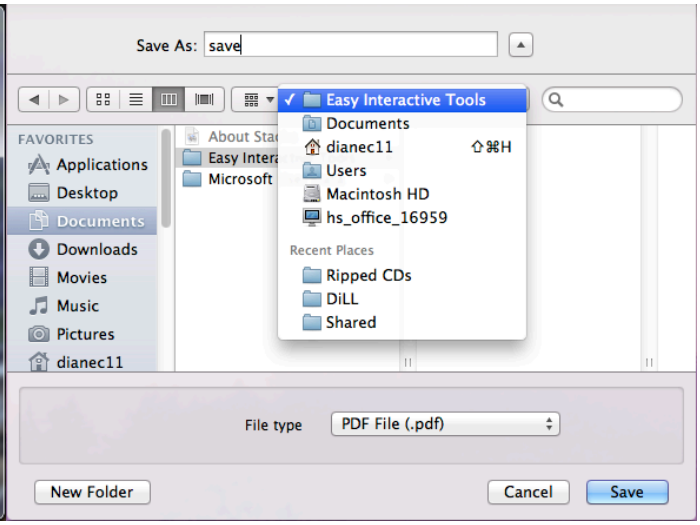
Saving a Document You have Annotated

Notes on a document or image can be saved as a .PDF, .JPEG, .BMP or .PNG file.

- Click the **Save** icon:

- Select the location you would like the document to be saved to (by default it will want to save to the Epson Interactive Tools directory).
- Name your file
- Select the **File Type** you would like to save as (for this example I have selected .PDF)
- Click **Save**





BrightLink Projector Models by Room

O-301	Epson 455Wi
O-302	BenQ
O-303	Epson 455Wi
O-304	Epson 475Wi
O-305	Epson 475 Wi
O-306	Epson 475 Wi
O-308	BenQ
O-309	Epson 455 Wi
O-311	Projector (non-Epson Brightlink)
O-313	Projector (non-Epson Brightlink) - TBC
O-315	Epson 475 Wi
O-316	Epson 475 Wi
O-317	Epson 455 Wi
O-318	Epson 455 Wi
O-319	Epson 455 Wi
O-320	Epson 455 Wi
O-322	Epson 475 Wi
O-323	Epson 475 Wi
O-326	Epson 475 Wi
O-328	Epson 475 Wi
O-329 (Journalism)	Samsung Smart TV 60"
O-348 (DISLP)	Samsung Smart TV 60"
O-345	Epson 455 Wi
W-301	Epson 455 Wi
W-302	BenQ
W-303	Epson 455 Wi
W-305	Epson 455 Wi
W-308	Epson 455 Wi
W-309	BenQ
Y-201	Projector (non-Epson Brightlink)
Y-212	Epson 455 Wi
R-301	Epson 455 Wi
R-302	Epson 455 Wi
R-303	Epson 455 Wi
R-305	Epson 455 Wi
R-306	Epson 455 Wi